



Naval Safety Center Reducing Mishaps by 50%

**RADM Dick Brooks, USN
Commander, Naval Safety Center**

**Briefing Presented to
RADM Dave Architzel, USN
Commander, Operational Test and Evaluation Force
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Commander's Assessment

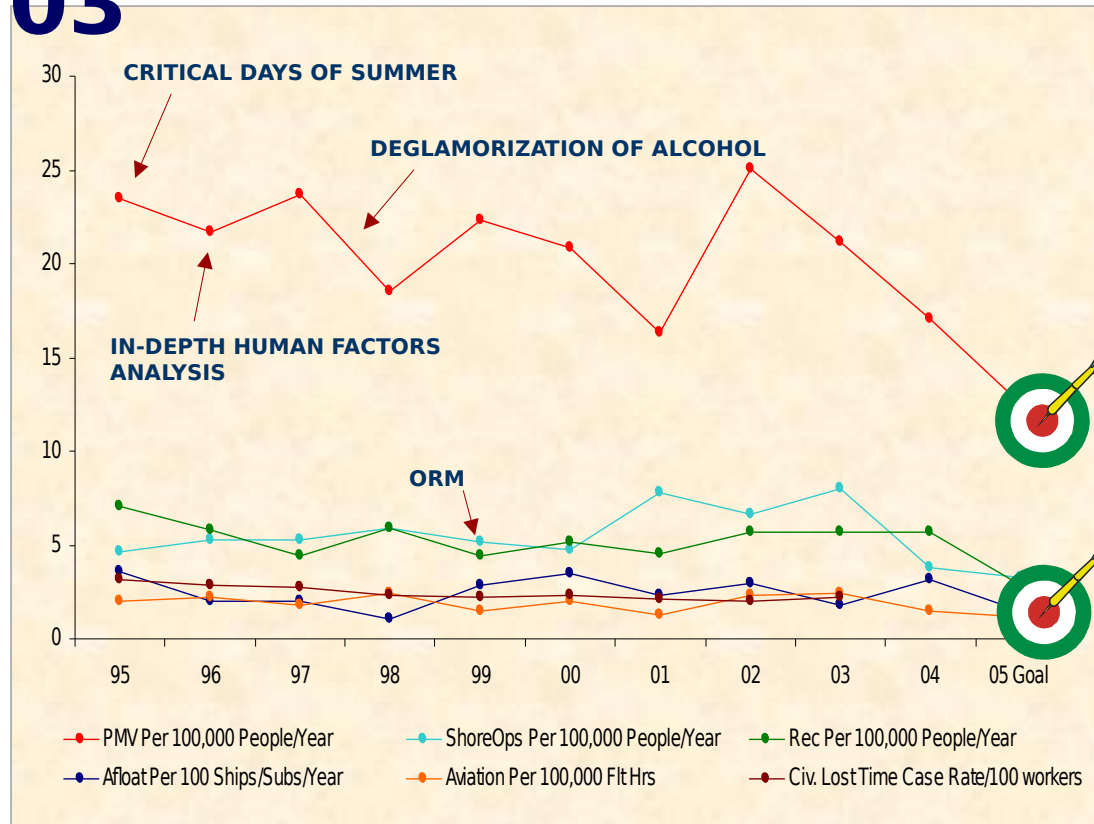


- Good programs exist and have produced some good results, BUT status quo will not get the job done.
 - *50% mishap reduction must have constant emphasis and deckplate leadership*
 - *Can't "Buy our way there", but funding is required*
- Leadership, Technology, and Resources are all required...most important is leadership and involvement at all levels.
- Safety training exists today – but need a “cradle to grave” approach embedded in a Sailor and Marine’s career.
- Must establish a clearer connection to the Fleet - *“NSC and Fleet partnership”*
- Need to regularly examine business practices and processes to garner efficiencies to more effectively deliver safety message.
- Emphasize safety and risk management as “7x24” way of life not as a concept that gets increased emphasis post-mishap.
- Balanced acquisition approach for platforms and COTS/emergent technologies to reduce mishaps.
- Challenge – cultural change will take time.

USN/USMC Mishap Trends, FY95-



03



PMV Fatality Rate
FY05 Goal 12.52

Shore/Ops Class-A Mishap Rate
FY05 Goal 3.31

Recreation Fatality Rate
FY05 Goal 2.86

Afloat Class-A Mishap Rate
FY05 Goal 1.49

Aviation Class-A Flight Mishap Rate
FY05 Goal 1.14

Civilian Lost Time Case Rate
FY05 Goal 1.00

TAKEAWAYS

- Overall programs and past level of effort have been successful identifying problems and achieving some mishap reductions.
- **TODAY'S CHALLENGE:** Achieve a 50% reduction by FY05.



Where Should We Target Our Efforts?

The Largest Challenge: Aviation/Traffic/Recreation

	COST		DEATHS						
	Overall	Aviation	Overall	PMV			Recreation		
				Shore	Air	Afloat	Air	Afloat	Shore
FY99-03	\$ 3.7B	\$ 3.1B	1,044	585 361	96	128	141	31	30 80
FY02	\$732M	\$637M	238	140 78	30	32	32 18	9	5
FY03	\$862M	\$796M	231	119 71					6

PREVENTION TOOLS

- WESS
- Surveys
- Media
- Data analysis
- Culture workshops
- Safety awareness campaigns
- Web
- Online survey

RETURN ON INVESTMENT

PREVENTED (FY97-03)

- 51 operational class-A mishaps
 - 295 fatalities
 - \$2.0 billion
- (Based on previous 7-year statistics vs. FY97-03)

**PREVENTING ONE AIRCRAFT MISHAP
SAVES \$20M ON THE AVERAGE!**

POTENTIAL ADDITIONAL RETURN ON INVESTMENT?

50% reduction would result in saving \$366M and 119 fatalities by end of FY05.
(Based on FY02 vs. FY05)

- **SECDEF issued challenge July 2002: Reduce preventable mishaps by 50% by end of FY05.**
- **SECNAV accepted challenge. Stressed a Naval Safety Program that is:**
 - *Customer Oriented*
 - *Technically Competent*
 - *Cost Effective*
 - *Dedicated to Protecting People*
- **Focus on:**
 - *Leadership*
 - *Resources*
 - *Technology*



Target Major Mishap Areas:

Focus On Core Strengths

SIX KEY AREAS

FOCUS HERE:

1. Leadership Accountability
2. Web-Enabled Navy
3. Education/Training/Culture
4. Analysis
5. Communication
6. Technology

SECNAV STRATEGIES:

- Leadership Accountability
- Technology
- Resources

Target efforts on major mishap areas with Fleet action and Safety Center guidance and support.

- ***Human Error***
- ***Cultural Change***
- ***Web-Enabled Safety System
(WESS)***

Is It Possible?



A 50% reduction in mishaps in two years is possible through:

- **Involvement of every Sailor, Marine and Civilian**
- **A cultural change that no longer “accepts” mishap as a cost of doing business.**
- **Addressing human error.**
- **Having the “right” level of resources!**

Steps Toward 50% Reduction



- **Established Navy-Marine Corps Safety Council.**
 - ***Identified Four Working Groups:***
 - Afloat Safety
 - Aviation Safety
 - Shore Safety
 - Ground Tactical Safety
 - ***Drafted Naval Safety 50% Reduction Plan and POA&M.***
 - ***Held initial chair/co-chair meeting 16 December 2003.***
- **DSOC Task Forces**
- **NSC sends out baseline data, goals, and guidance message with bi-weekly updates.**

What We Can Do for You



Naval Safety Center

Providing Fleet support in aviation,
shore, afloat and OSH



NSC at your service ... for free!

Let our experience, expertise and
unrivalled commitment to safety
work for you.

- **Mishap Investigations**
- **Surveys**
- **Assist Visits**
- **Exhibits**
- **Presentations**
- **Publications**
- **Website**
- **Data Analysis**
- **Workshops**

Call 757-444-3520 (DSN 564)
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MAGAZINES



SURVEYS



STATISTICS



MARKETING



ON THE ROAD

- Culture workshops
- Unit surveys
- ORM unit training
- Mishap investigations
- USMC MTT seminars
- PCO briefings

AWARENESS

- Fleet Analysis
- Magazines printed/distributed (473,000 copies)
- Interactive CD's
- Acquisition process in-roads
- Safety advisories
- Customer information requests (3,600+ database queries per month)
- Safety Center web page



QUESTIONS?